

=> d his

(FILE 'HOME' ENTERED AT 12:38:55 ON 27 FEB 2004)

FILE 'MEDLINE, AGRICOLA, CANCERLIT, SCISEARCH, CAPLUS, MEDICONF' ENTERED  
AT 12:39:04 ON 27 FEB 2004

L1 372 S (NEUROFILAMENT OR NF-L) (L) PROMOTER  
L2 367 S SV40 (L) TSA58  
L3 375 S SV40TSA58 OR (SV40 (L) TSA58?)  
L4 1 S L1 (L) L3  
L5 2 S L1 AND L3

=> d an ti so au ab pi l5 2

L5 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:696860 CAPLUS  
DN 127:355930  
TI Conditionally immortalized cell lines derived from transgenic animals and  
their toxicological and pharmacological uses  
SO PCT Int. Appl., 85 pp.  
CODEN: PIXXD2  
IN Rudland, Philip Spencer; Barraclough, Barry Roger; Kilty, Iain Charles;  
Davies, Barry Robert; Schmidt, Guenter  
AB Provided is a cell line derived from a transgenic animal comprising (1) a  
conditional oncogene, transforming gene or immortalizing gene or a cell  
cycle affecting gene; and (2) a cell type specific **promoter**.  
They include a neuronal cell line in which the cell type specific  
**promoter** is an **NF-L gene promoter**,  
and a mammary cell line in which the cell type specific **promoter**  
is a **MMTV gene promoter**. The conditional oncogene, transforming  
gene or immortalizing gene is preferably a **SV40 tsA58**  
gene. Production of transgenic Sprague Dawley rats by using mammary-targeting  
vector MMTVLTRtsA58U19 (containing MMTV Long Terminal Repeat) or  
brain-targeting vector NF-LtsA588t (containing human  
**neurofilament light chain promoter**), and preparation of cell  
lines B2LT1 and NF2C from the mammary of MMTVLTRtsA58U19 transgenic rats  
and the brain of NF-LtsA588t transgenic rats, resp., were shown.  
Production of transgenic rats carrying oncogene such as c-erbB-2 or  
transforming growth factor  $\alpha$  (TGF $\alpha$ ) that are highly associated  
with breast cancer was also shown. The transgenic animals and their  
immortalized cell lines are useful for toxicol. and pharmacol. studies.

| PATENT NO.  | KIND | DATE     | APPLICATION NO. | DATE     |
|---|------|----------|-----------------|----------|
| PI WO 9739117   | A1   | 19971023 | WO 1997-GB1063  | 19970417 |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,<br>DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC,<br>LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT,<br>RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN,<br>AM, AZ, BY, KG, KZ, MD, RU, TJ, TM |      |          |                 |          |
| RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB,<br>GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN,<br>ML, MR, NE, SN, TD, TG  |      |          |                 |          |
| AU 9725723  | A1   | 19971107 | AU 1997-25723   | 19970417 |
| EP 904363   | A1   | 19990331 | EP 1997-917342  | 19970417 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,<br>IE, FI  |      |          |                 |          |
| JP 2000508897   | T2   | 20000718 | JP 1997-536877  | 19970417 |

=>

| L Number | Hits | Search Text   | DB  | Time stamp       |
|----------|------|---|---|------------------|
| -        | 1178 | 800/\$2.CCl.s.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/28 17:34 |
| -        | 119  | (transgenic ADJ rat) and SV40\$6  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/28 17:35 |
| -        | 3    | ((transgenic ADJ rat) and SV40\$6) and NF-L   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/28 17:36 |
| -        | 1    | (transgenic ADJ rat) and (neurofilament NEAR promoter)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/28 17:37 |
| -        | 236  | (neurofilament NEAR promoter) and SV40\$9   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/28 17:37 |
| -        | 231  | ((neurofilament NEAR promoter) and SV40\$9) and transgenic  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/28 17:37 |
| -        | 1    | ((neurofilament NEAR promoter) and SV40\$9) and transgenic ADJ rat  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/28 17:37 |
| -        | 7    | ((transgenic ADJ rat) and immortal\$5) and (NF-L or neurofil\$9)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/28 17:42 |
| -        | 5    | (transgenic ADJ rat) and immortal\$5.clm.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/28 17:41 |
| -        | 55   | (NF-L or neurofil\$9).clm.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/28 17:46 |
| -        | 15   | ((NF-L or neurofil\$9).clm.) and promoter.clm.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/28 17:42 |
| -        | 5    | (NF-L or neurofil\$9 ADJ promoter).clm.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2002/10/28 17:45 |
| -        | 22   | ((NF-L or neurofil\$9).clm.) and SV40\$9  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/02/27 12:26 |
| -        | 5    | (US-5221778-\$ or US-6159948-\$).did. or (WO-9739117-\$).did. or (JP-2000228930-\$).did. or (JP-2000228930-\$).did. | USPAT;<br>EPO; JPO;<br>DERWENT              | 2002/10/28 17:47 |
| -        | 392  | transgenic ADJ rat  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/02/12 15:42 |
| -        | 214  | (transgenic ADJ rat) and SV40\$6  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/02/12 15:30 |
| -        | 18   | ((transgenic ADJ rat) and SV40\$6) and (NF-l neurofilament)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/02/12 15:31 |

|   |     |   |   |                  |
|---|-----|---|---|------------------|
| - | 960 | neurofilament NEAR promoter   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/02/12 15:34 |
| - | 4   | (transgenic ADJ rat) and (neurofilament NEAR promoter)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/02/12 15:35 |
| - | 100 | (transgenic ADJ rat) and immortal\$5  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/02/12 15:39 |
| - | 87  | ((transgenic ADJ rat) and immortal\$5) and SV40\$6  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/02/12 15:40 |
| - | 9   | ((transgenic ADJ rat) and immortal\$5) and SV40\$6) and (NF-L OR neurofilament)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/02/12 15:41 |
| - | 12  | transgenic ADJ rat.clm.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/02/12 15:44 |
| - | 2   | (transgenic AND (neurofilament OR NF-L) AND SV40\$6).clm.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/02/12 15:45 |
| - | 51  | transgenic AND (neurofilament OR NF-L) SAME SV40\$6   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/02/12 15:47 |
| - | 10  | (US-5221778-\$ or US-6159948-\$).did. or (US-20030175953-\$ or US-20010027567-\$).did. or (WO-9739117-\$ or EP-1256625-\$).did. or (JP-2000228930-\$ or JP-2001231549-\$).did. or (JP-2000228930-\$ or JP-2000166575-\$).did. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/02/12 15:49 |
| - | 3   | Rudland NEAR Philip NEAR Spencer  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/02/12 16:02 |
| - | 84  | Schmidt NEAR guenter  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/02/12 16:03 |
| - | 1   | (Schmidt NEAR guenter) and transgenic   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/02/12 16:03 |
| - | 932 | (NF-L or neurofil\$9) and SV40\$9   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/02/27 12:27 |
| - | 4   | (NF-L or neurofil\$9) and SV40tsA58   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/02/27 12:29 |
| - | 19  | (NF-L or neurofil\$9) and tsA58   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT | 2004/02/27 12:29 |